

DPM 2948-1
JEF

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME 3M COMPANY		EMERGENCY TELEPHONE NO. (612) 733-2328
ADDRESS (Number, Street, City, State, and ZIP Code) 3M CENTER, ST. PAUL, MINNESOTA 55101		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS SCOTCHCAST Brand Resin #8
CHEMICAL FAMILY Epoxy resin/amine curative	FORMULA (XR-5236)	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
PART A: Epoxy resin (bisphenol A type)	100	
PART B: Nonyl phenol	<5	
Diethylenetriamine	<5	1ppm

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H ₂ O=1)	A: 1.15 - B: 1.04
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	0
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER	Insol.		
APPEARANCE AND ODOR Liquids			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) A: 400°F - B: 394°F	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA CO ₂ , foam, dry chemicals			
SPECIAL FIRE FIGHTING PROCEDURES			
UNUSUAL FIRE AND EXPLOSION HAZARDS			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	See Section II
EFFECTS OF OVEREXPOSURE	Liquids may be irritating to the eyes and skin. Vapors may be irritating to the respiratory system.
EMERGENCY AND FIRST AID PROCEDURES	EYE contact: Flush with plenty of water. Consult a physician.
	SKIN contact: Wash with soap and water.
	INHALATION: Provide fresh air.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Collect spilled material. Clean up residue.
WASTE DISPOSAL METHOD	Unreacted material: Incinerate properly.
	Reacted material: Sanitary landfill or incinerate properly.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)		
VENTILATION	LOCAL EXHAUST X	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES X	EYE PROTECTION X	
OTHER PROTECTIVE EQUIPMENT		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Use in well ventilated areas. Avoid breathing of vapors. Avoid eye and repeated skin contact. Wash hands after use.
OTHER PRECAUTIONS	